



TRANSPORTATION

John Greifzu
Director

DATE: November 7, 2013

TO: Division Engineer, Design
Attn: Design Standards

FROM: Gateway Green Light Program
St Charles County, MO

SUBJECT: Design
Route: Various – St Charles County
Gateway Green Light Project
Job No. CMAQ 7302(638)
Public Interest Finding

I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.



State Design Engineer

With reference to the above mentioned project, we request approval of a finding in the public interest to use Ledstar MoDOT Type D dynamic message sign (DMS) devices and accessories for arterial DMS installations to be owned by the Missouri Department of Transportation (MoDOT) in conjunction with the Gateway Green Light (GGL) project.

MoDOT has this specific device as part of its existing Intelligent Transportation Systems (ITS) currently deployed in the St Louis District. The MoDOT St. Louis District has made significant investment in Ledstar DMS installations on its highway system throughout the metro area. This investment involves all elements of the deployment, including:

1. Field testing and calibrating the performance of the DMS
2. Training staff on the use and maintenance of the equipment
3. Maintaining the spare parts inventory of equipment
4. Integrating with the Advanced Traffic Management System (ATMS) software

The above investment is ongoing for locations along each of the major freeway corridors within the St. Louis District. As such, the deployment of DMS installations other than Ledstar at locations to be owned by MoDOT on its highway system is expected to be more costly overall due to the additional complexities of training, maintenance, and integration.

Additionally, it is important that equipment meeting the criteria for amber display, text size, and number of characters be identified early for purposes of structural design of the DMS cantilever support.

Approval of this request at your earliest convenience would be appreciated. This project has a submittal deadline of November 18, 2013 for final plans.



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Director

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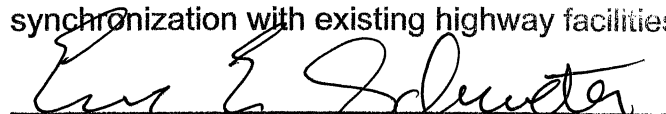
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State Design Engineer

With reference to the above mentioned project, we request approval of a finding in the public interest to use Cisco WS-C3750 series network switches and accessories, Cisco IE 3000 series network switches and accessories, and Cisco ASA 5500 series firewall devices and accessories for the Gateway Green Light (GGL) project.

The Missouri Department of Transportation (MoDOT) and the GGL program both use these specific types of devices as part of existing Intelligent Transportation Systems (ITS) currently deployed in the St Louis District. The Gateway Green Light Phase 2 project will closely integrate both device and communication protocols with existing MoDOT and GGL systems. It is therefore desirable that the product synchronize with their existing criteria for such a device.

Past field performance has demonstrated that this product is relatively inexpensive, durable, and easy to operate. It will not differ from existing MoDOT and GGL inventories, nor will it necessitate additional training of personnel.

Approval of this request at your earliest convenience would be appreciated. This project has a submittal deadline of November, 18, 2013 for final plans.



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I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.


State Design Engineer

With reference to the above mentioned project, we request approval of a finding in the public interest to use Iteris "Vantage Velocity" Bluetooth wireless traffic detection devices and accessories for the Gateway Green Light (GGL) project.

The GGL Phase 1 project use this specific device as part of existing Intelligent Transportation Systems (ITS) currently deployed in the St Louis District. The Gateway Green Light Phase 2 project will closely integrate both new device and communication protocols with existing GGL systems. It is therefore desirable that the new Bluetooth products match with their existing deployments for such a device.

Past field performance has demonstrated that this product is relatively inexpensive, durable, and easy to operate. It will not differ from existing GGL inventories, nor will it necessitate additional training of personnel.

Approval of this request at your earliest convenience would be appreciated. This project has a submittal deadline of November, 18, 2013 for final plans.